

<!--StartFragment-->RESULT 1  
AAU78487  
ID AAU78487 standard; peptide; 7 AA.  
XX  
AC AAU78487;  
XX  
DT 15-JUN-2007 (revised)  
DT 18-JUN-2002 (first entry)  
XX  
DE Smac-7 AV peptoid.  
XX  
KW Apoptosis; cytostatic; apoptotic; AV peptoid; melanoma; lymphoma;  
KW Inhibitor of Apoptosis protein; IAP; procaspase-3; tumour cell;  
KW breast cancer; prostate cancer; lung cancer; pancreatic cancer; smac-7;  
KW gastric cancer; colon cancer; ovarian cancer; renal cancer; hepatoma;  
KW sarcoma; smac; second mitochondria-derived activator of caspases.  
XX  
OS Synthetic.  
XX  
PN WO200216402-A2.  
XX  
PD 28-FEB-2002.  
XX  
PF 23-AUG-2001; 2001WO-US041869.  
XX  
PR 23-AUG-2000; 2000US-00645075.  
XX  
PA (TEXA ) UNIV TEXAS SYSTEM.  
XX  
PI Wang X, Du C;  
XX  
DR WPI; 2002-280909/32.  
DR PC:NCBI; gi56554425.  
DR PC:BOND; 303866.  
XX  
PT Composition for enhancing the apoptosis of pathogenic cells, particularly  
PT tumor cells, e.g. breast cancer, prostate cancer, lung cancer, colon  
PT cancer, ovarian cancer or sarcoma, comprises apoptotic compounds.  
XX  
PS Example 9; Page 28; 40pp; English.  
XX  
CC This invention relates to a method for induction of apoptosis in  
CC pathogenic cells. The method comprises a novel pharmaceutical composition  
CC which comprises an AV peptoid in dosage form and a pharmaceutical  
CC carrier, where the AV peptoid comprises a peptide that interacts with or  
CC inhibits the activity of an Inhibitor of Apoptosis protein (IAP) as  
CC measured by IAP binding, procaspase-3 activation or promotion of  
CC apoptosis. The peptoids of the invention are used to inhibit an  
CC inhibitor of Apoptosis protein (IAP). Compositions containing these  
CC peptoids are useful for enhancing the apoptosis of pathogenic cells,  
CC particularly tumour cells, e.g. breast cancer, prostate cancer, lung  
CC cancer, pancreatic cancer, gastric cancer, colon cancer, ovarian cancer,  
CC renal cancer, hepatoma, melanoma, lymphoma or sarcoma. The composition is  
CC particularly useful for promoting cell death. The present sequence  
CC represents an AV peptoid (smac-7) used to inhibit second mitochondria-  
CC derived activator of caspases (smac) using the method of the invention.  
CC Smac interacts with and eliminates the activity of a number of IAP's and  
CC as such inhibiting its activity allows the induction of apoptosis  
CC  
Revised record issued on 15-JUN-2007 : Enhanced with precomputed  
CC information from BOND.

XX  
SQ Sequence 7 AA;

Query Match 100.0%; Score 33; DB 5; Length 7;  
Best Local Similarity 100.0%; Pred. No. 2.9e+06;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AVPIAQK 7  
|||  
Db 1 AVPIAQK 7  
<!--EndFragment-->